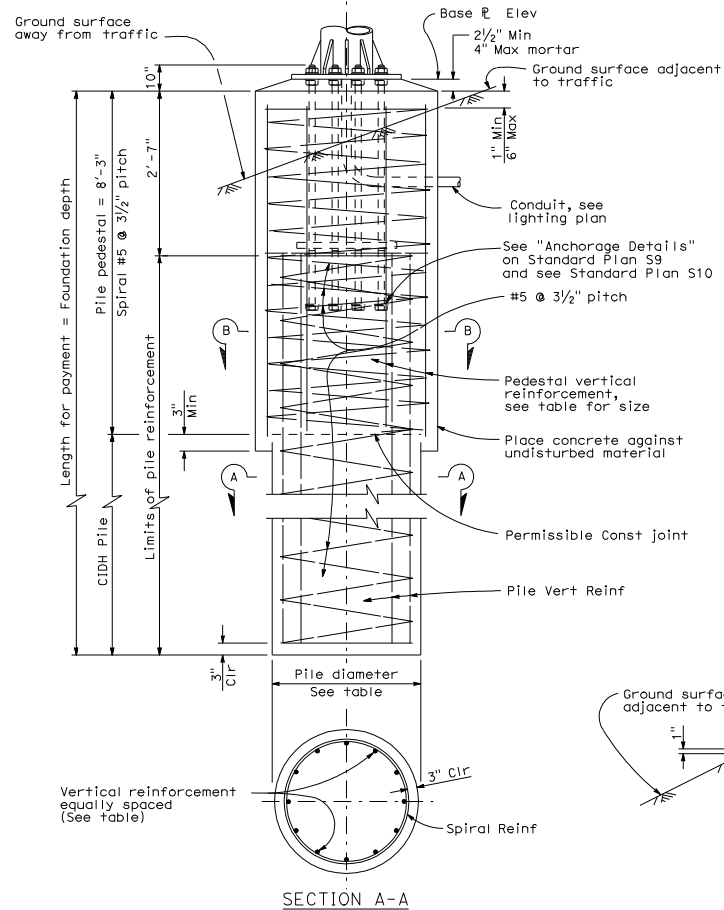


SECTION B-B



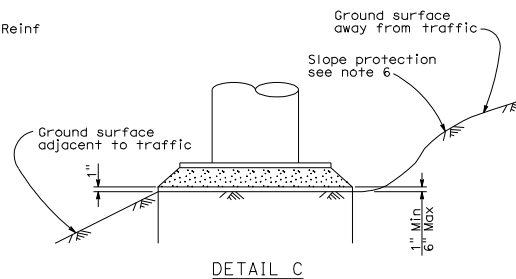
SECTION A-A

Post Type	Anchor Bolts				Round Pile Pedestal				CIDH Pile				Foundation Depth * *		
	Total	Dia	Bolt Circle	Total Length	Dia	Vertical Reinforcing		Spiral		Pile Dia	Vertical Reinforcing			Spiral	
						Total	Bar Size	Bar Size	Pitch		Total	Bar Size		Bar Size	Pitch
I-S	12	2"	2'-4"	4'-2"	5'-3"	16	#10	#5	3/2"	4'-6"	26	#10	#5	3/2"	18'-0"
II-S	12		2'-4"												19'-8"
III-S	12		2'-7"												23'-0"
IV-S	14		2'-10"												23'-0"
V-S	16	2 1/2"	3'-2"	5'-0"	5'-9"		#11			5'-0"	28	#11			26'-3"
VI-S	16	2 1/2"	3'-5"	5'-0"	5'-9"		#11			5'-0"	28	#11			27'-10"
VII-S	16	2 1/2"	3'-5"	5'-0"	5'-9"		#11			5'-0"	28	#11			27'-10"

* * Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES:

- For anchor bolt layout, see Standard Plan S10.
- For "Base ℓ elevation" see Project Plans.
- Longer side of post shall be normal to axis of sign.
- Prior to erection of the post, backfill which is equivalent to the surrounding material, shall be in place.
- Pedestal shall be formed 6" Min below ground surface. Remainder to be placed against undisturbed material.
- Slope protection required when indicated on the Project Plans.
- Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30° and unit weight of soil used is 120 lb/ft³.



DETAIL C

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TRUSS TWO POST TYPE ROUND PEDESTAL PILE FOUNDATION

NO SCALE

S15

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

May 1, 2006
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.
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